

ELECTRONIC TUBE REFERENCE

DX184

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Amperex tunable reflex klystron intended for millimeter-wave oscillator service, providing mechanically tunable high-frequency output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron
No fixed ratings recorded.
Published ratings, characteristics and special-purpose operating data reviewed.

DX184 is listed in the supplied Amperex material as a reflex tunable millimeter-wave klystron. Published ratings and characteristics were captured from the supplied table.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1963 AMPEREX CONDENSED

Section 1 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published rating
Heater current	800 mA	Published rating
Frequency range minimum	31000 MHz	ReflexKlystron
Frequency range maximum	36000 MHz	ReflexKlystron
Electronic tuning range	60 MHz	ReflexKlystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Beam voltage	2250 V	ReflexKlystron
Reflector voltage minimum	100 V	ReflexKlystron
Reflector voltage maximum	500 V	ReflexKlystron
Beam current	15 mA	ReflexKlystron
Power output	0.1 W	ReflexKlystron